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20> TGF $\beta$ b1-inhibitor peptides

1) <130> U-013446-9

<140> 09/831,253

<141> 2001-06-27

<150> PCT/ES99/00375

<151> 1999-11-23

<150> P9802465

<151> 1998-11-24

>160> 179

<210> SEQ ID NO: 1

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<212> Peptide

<213> Artificial sequence

<220> Domain

<223> Derived from human TGB $\beta$ 1 position 319-333

<400> His Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu  
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<210> SEQ ID NO: 2

<211> 14

<212> Peptide

<213> Artificial sequence

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<223> Derived from human TGB $\beta$ 1 position 322-335

<400> Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr  
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<210> SEQ ID NO: 3

<211> 12

<212> Peptide

<213> Artificial sequence

<220> Domain

<223> Derived from rat TGB $\beta$ 1 type III receptor position 731-742

<400> Thr Ser Leu Asp Ala Thr Met Ile Trp Thr Met Met  
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<210> SEQ ID NO: 4

<211> 15

<212> Peptide

<213> Artificial sequence  
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<400> Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp Ile Ile Val Asp Ile  
5 10 15

<210> SEQ ID NO: 5  
<211> 9  
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<212> Peptide  
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5 10 15

<210> SEQ ID NO: 9  
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<212> Peptide  
<213> Synthetic peptide from pig endoglin  
<220> Domain: 445-459  
<400> Leu Asp Ser Leu Ser Phe Gln Leu Gly Leu Tyr Leu Ser Pro His  
5 10 15

<210> SEQ ID NO: 10  
<211> 23  
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<213> Synthetic peptide from human TGB $\beta$ 1  
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Ile Trp Ser Leu Asp Thr  
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<400> Asn Tyr Cys Ser Ser Thr Glu Lys Asn Cys Cys Val Arg  
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<400> Ser Ser Thr Glu Lys Asn Cys Cys Val Arg Gln Leu Tyr Ile  
5 10

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<210> SEQ ID NO: 15  
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<400> Gln Leu Tyr Ile Asp Phe Arg Lys Asp Leu Gly Trp Lys Trp  
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<210> SEQ ID NO: 16  
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5 10

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<400> Asp Leu Gly Trp Lys Trp Ile His Glu Pro Lys Gly Tyr His  
5 10

<210> SEQ ID NO: 18  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 308-321  
<400> Gly Trp Lys Trp Ile His Glu Pro Lys Gly Tyr His Ala Asn  
5 10

<210> SEQ ID NO: 19  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 312-325  
<400> Ile His Glu Pro Lys Gly Tyr His Ala Asn Phe Cys Leu Gly  
5 10

<210> SEQ ID NO: 20  
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<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 316-329  
<400> Lys Gly Tyr His Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr  
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<210> SEQ ID NO: 21  
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<212> Peptide  
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<220> Domain: 326-339  
<400> Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Tyr Ser Lys  
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<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 330-343  
<400> Ile Trp Ser Leu Asp Thr Gln Tyr Ser Lys Val Leu Ala Leu  
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<210> SEQ ID NO: 23  
<211> 15  
<212> Peptide  
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<210> SEQ ID NO: 24  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 336-349  
<400> Gln Tyr Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro  
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<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 340-353  
<400> Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala  
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<210> SEQ ID NO: 26  
<211> 15  
<212> Peptide  
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<220> Domain: 343-358  
<400> Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys  
5 10 15

<210> SEQ ID NO: 27  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 344-358  
<400> Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys  
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<210> SEQ ID NO: 28  
<211> 13  
<212> Peptide  
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<220> Domain: 348-360

<400> Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys Val Pro Gln  
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<210> SEQ ID NO: 29

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 350-363

<400> Gly Ala Ser Ala Ala Pro Cys Cys Val Pro Gln Ala Leu Glu  
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<210> SEQ ID NO: 30

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 354-367

<400> Ala Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile  
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<210> SEQ ID NO: 31

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 358-371

<400> Val Pro Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr Tyr Val  
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<210> SEQ ID NO: 32

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 364-377

<400> Pro Leu Pro Ile Val Tyr Tyr Val Gly Arg Lys Pro Lys Val  
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<210> SEQ ID NO: 33

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 368-381

<400> Val Tyr Tyr Val Gly Arg Lys Pro Lys Val Glu Gln Leu Ser  
5 10

<210> SEQ ID NO: 34

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 372-385

<400> Gly Arg Lys Pro Lys Val Glu Gln Leu Ser Asn Met Ile Val  
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<210> SEQ ID NO: 35

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 378-391

<400> Glu Gln Leu Ser Asn Met Ile Val Arg Ser Cys Lys Cys Ser  
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<210> SEQ ID NO: 36

<211> 21

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 322-344

<400> Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Lys Val

5 10 15

Leu Ala Leu Tyr

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<210> SEQ ID NO: 37

<211> 14

<212> Peptide

<213> Synthetic peptide modified from human TGB $\beta$ 1

<220> Domain: 322-335

<400> Phe Ser Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr

5 10

<210> SEQ ID NO: 38

<211> 14

<212> Peptide

<213> Synthetic peptide modified from human TGB $\beta$ 1

<220> Domain: 322-335

<400> Phe Cys Leu Gly Pro Ser Pro Tyr Ile Trp Ser Leu Asp Thr

5 10

<210> SEQ ID NO: 39

<211> 14

<212> Peptide

<213> Synthetic peptide modified from human TGB $\beta$ 1

<220> Domain: 322-335

<400> Phe Ser Leu Gly Pro Ser Pro Tyr Ile Trp Ser Leu Asp Thr

5 10

<210> SEQ ID NO: 40

<211> 14

<212> Peptide

<213> Synthetic peptide modified from human TGB $\beta$ 1  
<220> Domain: 322-335  
<400> Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Asp Asp Asp  
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<210> SEQ ID NO: 41  
<211> 14  
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<400> Asp Asp Asp Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr  
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<210> SEQ ID NO: 42  
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<400> Asp Asp Asp Gly Pro Cys Pro Tyr Ile Trp Ser Asp Asp Asp  
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<210> SEQ ID NO: 43  
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<210> SEQ ID NO: 44  
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<220> Domain: 325-332  
<400> Asp Asp Asp Gly Pro Cys Pro Tyr Ile Trp Ser  
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<210> SEQ ID NO: 45  
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<212> Peptide  
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<220> Domain: 325-332  
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<210> SEQ ID NO: 46  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domain: 91-102  
<400> Asn Pro Ile Ala Ser Val His Thr His His Lys Pro  
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<210> SEQ ID NO: 47  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 104-115  
<400> Val Phe Leu Leu Asn Ser Pro Gln Pro Leu Val Trp  
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<210> SEQ ID NO: 48  
<211> 12  
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<220> Domain: 109-120  
<400> Ser Pro Gln Pro Leu Val Trp His Leu Lys Thr Glu  
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<210> SEQ ID NO: 49  
<211> 12  
<212> Peptide  
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<220> Domain: 110-121  
<400> Pro Gln Pro Leu Val Trp His Leu Lys Thr Glu Arg  
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<210> SEQ ID NO: 50  
<211> 12  
<212> Peptide  
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<220> Domain: 333-344  
<400> Trp Ala Leu Asp Asn Gly Tyr Arg Pro Val Thr Ser  
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<210> SEQ ID NO: 51  
<211> 12  
<212> Peptide  
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<220> Domain: 428-439  
<400> Pro Ile Val Pro Ser Val Gln Leu Leu Pro Asp His  
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<210> SEQ ID NO: 52  
<211> 12  
<212> Peptide  
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<220> Domain: 555-566

<400> Gly 'Asp Glu Gly Glu Thr Ala Pro Leu Ser Arg Ala  
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<210> SEQ ID NO: 53  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 563-574  
<400> Leu Ser Arg Ala Gly Val Val Val Phe Asn Cys Ser  
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<210> SEQ ID NO: 54  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 603-614  
<400> Leu Phe Leu Val Pro Ser Pro Gly Val Phe Ser Val  
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<210> SEQ ID NO: 55  
<211> 12  
<212> Peptide  
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<220> Domain: 605-616  
<400> Leu Val Pro Ser Pro Gly Val Phe Ser Val Ala Glu  
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<210> SEQ ID NO: 56  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 707-718  
<400> Glu Leu Thr Leu Cys Ser Arg Lys Lys Gly Ser Leu  
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<210> SEQ ID NO: 57  
<211> 12  
<212> Peptide  
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<220> Domain: 712-723  
<400> Ser Arg Lys Lys Gly Ser Leu Lys Leu Pro Arg Cys  
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<210> SEQ ID NO: 58  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 717-728  
<400> Ser Leu Lys Leu Pro Arg Cys Val Thr Pro Asp Asp

<210> SEQ ID NO: 59  
<211> 12  
<212> Peptide  
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<220> Domain: 722-733  
<400> Arg Cys Val Thr Pro Asp Asp Ala Cys Thr Ser Leu  
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<210> SEQ ID NO: 60  
<211> 12  
<212> Peptide  
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<220> Domain: 727-738  
<400> Asp Asp Ala Cys Thr Ser Leu Asp Ala Thr Met Ile  
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<210> SEQ ID NO: 61  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 732-743  
<400> Ser Leu Asp Ala Thr Met Ile Trp Thr Met Met Gln  
5 10

<210> SEQ ID NO: 62  
<211> 12  
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<220> Domain: 737-748  
<400> Met Ile Trp Thr Met Met Gln Asn Lys Lys Thr Phe  
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<210> SEQ ID NO: 63  
<211> 12  
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<220> Domain: 742-752  
<400> Met Gln Asn Lys Lys Thr Phe Thr Lys Pro Leu Ala  
5 10

<210> SEQ ID NO: 64  
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<212> Peptide  
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<220> Domain: 747-758  
<400> Thr Phe Thr Lys Pro Leu Ala Val Val Leu Gln Val  
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<210> SEQ ID NO: 65  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 761-775  
<400> Lys Glu Asn Val Pro Ser Thr Lys Asp Ser Ser Pro Ile Pro Pro  
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<210> SEQ ID NO: 66  
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<220> Domain: 766-780  
<400> Ser Thr Lys Asp Ser Ser Pro Ile Pro Pro Pro Pro Gln Ile  
5 10 15

<210> SEQ ID NO: 67  
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<220> Domain: 771-785  
<400> Ser Pro Ile Pro Pro Pro Pro Gln Ile Phe His Gly Leu Asp  
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<210> SEQ ID NO: 68  
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<220> Domain: 776-790  
<400> Pro Pro Pro Gln Ile Phe His Gly Leu Asp Thr Leu Thr Val Met  
5 10 15

<210> SEQ ID NO: 69  
<211> 15  
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<220> Domain: 781-795  
<400> Phe His Gly Leu Asp Thr Leu Thr Val Met Gly Ile Ala Phe Ala  
5 10 15

<210> SEQ ID NO: 70  
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<400> Thr Leu Thr Val Met Gly Ile Ala Phe Ala Ala Phe Val Ile Gly  
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<210> SEQ ID NO: 71  
<211> 15  
<212> Peptide  
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<400> Leu Leu Thr Gly Ala Leu Trp Tyr Ile Tyr Ser His  
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<211> 15  
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<220> Domain: 45-59  
<400> Leu Met Glu Ser Phe Thr Val Leu Ser Gly Cys Ala Ser Arg Gly  
5 10 15

<210> SEQ ID NO: 73  
<211> 15  
<212> Peptide  
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<220> Domain: 50-64  
<400> Thr Val Leu Ser Gly Cys Ala Ser Arg Gly Thr Thr Gly Leu Pro  
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<210> SEQ ID NO: 74  
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<400> Cys Ala Ser Arg Gly Thr Thr Gly Leu Pro Arg Glu Val His Val  
5 10 15

<210> SEQ ID NO: 75  
<211> 15  
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<220> Domain: 60-74  
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5 10 15

<210> SEQ ID NO: 76  
<211> 15  
<212> Peptide  
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<220> Domain: 65-79  
<400> Arg Glu Val His Val Leu Asn Leu Arg Ser Thr Asp Gln Gly Pro  
5 10 15

<210> SEQ ID NO: 77  
<211> 15  
<212> Peptide  
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<220> Domain: 70-84  
<400> Leu Asn Leu Arg Ser Thr Asp Gln Gly Pro Gly Gln Arg Gln Arg  
5 10 15

<210> SEQ ID NO: 78  
<211> 15  
<212> Peptide  
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<220> Domain: 75-89  
<400> Thr Asp Gln Gly Pro Gly Gln Arg Gln Arg Glu Val Thr Leu His  
5 10 15

<210> SEQ ID NO: 79  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 80-94  
<400> Gly Gln Arg Gln Arg Glu Val Thr Leu His Leu Asn Pro Ile Ala  
5 10 15

<210> SEQ ID NO: 80  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 85-99  
<400> Glu Val Thr Leu His Leu Asn Pro Ile Ala Ser Val His Thr His  
5 10 15

<210> SEQ ID NO: 81  
<211> 15  
<212> Peptide  
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<220> Domain: 90-104  
<400> Leu Asn Pro Ile Ala Ser Val His Thr His His Lys Pro Ile Val  
5 10 15

<210> SEQ ID NO: 82  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 95-109  
<400> Ser Val His Thr His His Lys Pro Ile Val Phe Leu Leu Asn Ser  
5 10 15

<210> SEQ ID NO: 83

<211> 15  
<212> Peptide  
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<220> Domain: 100-114  
<400> His Lys Pro Ile Val Phe Leu Leu Asn Ser Pro Gln Pro Leu Val  
5 10 15

<210> SEQ ID NO: 84  
<211> 15  
<212> Peptide  
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<400> Phe Leu Leu Asn Ser Pro Gln Pro Leu Val Trp His Leu Lys Thr  
5 10 15

<210> SEQ ID NO: 85  
<211> 15  
<212> Peptide  
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<220> Domain: 110-124  
<400> Pro Gln Pro Leu Val Trp His Leu Lys Thr Glu Arg Leu Ala Ala  
5 10 15

<210> SEQ ID NO: 86  
<211> 15  
<212> Peptide  
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<220> Domain: 115-129  
<400> Trp His Leu Lys Thr Glu Arg Leu Ala Ala Gly Val Pro Arg Leu  
5 10 15

<210> SEQ ID NO: 87  
<211> 15  
<212> Peptide  
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<220> Domain: 120-134  
<400> Arg Leu Ala Ala Gly Val Pro Arg Leu Phe Leu Val Ser Glu Gly  
5 10 15

<210> SEQ ID NO: 88  
<211> 15  
<212> Peptide  
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<220> Domain: 125-139  
<400> Gly Val Pro Arg Leu Phe Leu Val Ser Glu Gly Ser Val Val Gln  
5 10 15

<210> SEQ ID NO: 89  
<211> 15

<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
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<400> Phe Leu Val Ser Glu Gly Ser Val Val Gln Phe Pro Ser Gly Asn  
5 10 15

<210> SEQ ID NO: 90  
<211> 15  
<212> Peptide  
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<220> Domain: 135-149  
<400> Gly Ser Val Val Gln Phe Pro Ser Gly Asn Phe Ser Leu Thr Ala  
5 10 15

<210> SEQ ID NO: 91  
<211> 15  
<212> Peptide  
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<220> Domain: 140-154  
<400> Phe Pro Ser Gly Asn Phe Ser Leu Thr Ala Glu Thr Glu Glu Arg  
5 10 15

<210> SEQ ID NO: 92  
<211> 15  
<212> Peptide  
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<400> Phe Ser Leu Thr Ala Glu Thr Glu Glu Arg Asn Phe Pro Gln Glu  
5 10 15

<210> SEQ ID NO: 93  
<211> 15  
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<400> Glu Thr Glu Glu Arg Asn Phe Pro Gln Glu Asn Glu His Leu Val  
5 10 15

<210> SEQ ID NO: 94  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 155-169  
<400> Asn Phe Pro Gln Glu Asn Glu His Leu Val Arg Trp Ala Gln Lys  
5 10 15

<210> SEQ ID NO: 95  
<211> 15  
<212> Peptide

<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 160-174  
<400> Asn Glu His Leu Val Arg Trp Ala Gln Lys Glu Tyr Gly Ala Val  
5 10 15

<210> SEQ ID NO: 96  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 165-179  
<400> Arg Trp Ala Gln Lys Glu Tyr Gly Ala Val Thr Ser Phe Thr Glu  
5 10 15

<210> SEQ ID NO: 97  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 170-184  
<400> Glu Tyr Gly Ala Val Thr Ser Phe Thr Glu Leu Lys Ile Ala Arg  
5 10 15

<210> SEQ ID NO: 98  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 175-189  
<400> Thr Ser Phe Thr Glu Leu Lys Ile Ala Arg Asn Ile Tyr Ile Lys  
5 10 15

<210> SEQ ID NO: 99  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 180-194  
<400> Leu Lys Ile Ala Arg Asn Ile Tyr Ile Lys Val Gly Glu Asp Gln  
5 10 15

<210> SEQ ID NO: 100  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 185-199  
<400> Asn Ile Tyr Ile Lys Val Gly Glu Asp Gln Val Phe Pro Pro Thr  
5 10 15

<210> SEQ ID NO: 101  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domain: 190-201  
<400> Val Gly Glu Asp Gln Val Phe Pro Pro Thr Cys Asn Ile Gly Lys  
5 10 15

<210> SEQ ID NO: 102  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 195-209  
<400> Val Phe Pro Pro Thr Cys Asn Ile Gly Lys Asn Phe Leu Ser Leu  
5 10 15

<210> SEQ ID NO: 103  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 200-214  
<400> Cys Asn Ile Gly Lys Asn Phe Leu Ser Leu Asn Tyr Leu Ala Glu  
5 10 15

<210> SEQ ID NO: 104  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 205-219  
<400> Asn Phe Leu Ser Leu Asn Tyr Leu Ala Glu Tyr Leu Gln Pro Lys  
5 10 15

<210> SEQ ID NO: 105  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 210-224  
<400> Asn Tyr Leu Ala Glu Tyr Leu Gln Pro Lys Ala Ala Glu Gly Cys  
5 10 15

<210> SEQ ID NO: 106  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 215-229  
<400> Tyr Leu Gln Pro Lys Ala Ala Glu Gly Cys Val Leu Pro Ser Gln  
5 10 15

<210> SEQ ID NO: 107  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 220-234

<400> Ala Ala Glu Gly Cys Val Leu Pro Ser Gln Pro His Glu Lys Glu  
5 10 15

<210> SEQ ID NO: 108  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 225-239

<400> Val Leu Pro Ser Gln Pro His Glu Lys Glu Val His Ile Ile Glu  
5 10 15

<210> SEQ ID NO: 109  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 230-244  
<400> Pro His Glu Lys Glu Val His Ile Ile Glu Leu Ile Thr Pro Ser  
5 10 15

<210> SEQ ID NO: 110  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 235-249  
<400> Val His Ile Ile Glu Leu Ile Thr Pro Ser Ser Asn Pro Tyr Ser  
5 10 15

<210> SEQ ID NO: 111  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 240-254  
<400> Leu Ile Thr Pro Ser Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp  
5 10 15

<210> SEQ ID NO: 112  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 250-264  
<400> Ala Phe Gln Val Asp Ile Ile Val Asp Ile Arg Pro Ala Gln Glu  
5 10 15

<210> SEQ ID NO: 113  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 255-269  
<400> Ile Ile Val Asp Ile Arg Pro Ala Gln Glu Asp Pro Glu Val Val

5

10

15

<210> SEQ ID NO: 114  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 260-274  
<400> Arg Pro Ala Gln Glu Asp Pro Glu Val Val Lys Asn Leu Val Leu  
5 10 15

<210> SEQ ID NO: 115  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 265-279  
<400> Asp Pro Glu Val Val Lys Asn Leu Val Leu Ile Leu Lys Cys Lys  
5 10 15

<210> SEQ ID NO: 116  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 270-284  
<400> Lys Asn Leu Val Leu Ile Leu Lys Cys Lys Lys Ser Val Asn Trp  
5 10 15

<210> SEQ ID NO: 117  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 275-289  
<400> Ile Leu Lys Cys Lys Lys Ser Val Asn Trp Val Ile Lys Ser Phe  
5 10 15

<210> SEQ ID NO: 118  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 280-294  
<400> Lys Ser Val Asn Trp Val Ile Lys Ser Phe Asp Val Lys Gly Asn  
5 10 15

<210> SEQ ID NO: 119  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 285-299  
<400> Val Ile Lys Ser Phe Asp Val Lys Gly Asn Leu Lys Val Ile Ala  
5 10 15

<210> SEQ ID NO: 120  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 290-304  
<400> Asp Val Lys Gly Asn Leu Lys Val Ile Ala Pro Asn Ser Ile Gly  
5 10 15

<210> SEQ ID NO: 121  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 295-309  
<400> Leu Lys Val Ile Ala Pro Asn Ser Ile Gly Phe Gly Lys Glu Ser  
5 10 15

<210> SEQ ID NO: 122  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 300-314  
<400> Pro Asn Ser Ile Gly Phe Gly Lys Glu Ser Glu Arg Ser Met Thr  
5 10 15

<210> SEQ ID NO: 123  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 305-319  
<400> Phe Gly Lys Glu Ser Glu Arg Ser Met Thr Met Thr Lys Leu Val  
5 10 15

<210> SEQ ID NO: 124  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 310-324  
<400> Glu Arg Ser Met Thr Met Thr Lys Leu Val Arg Asp Asp Ile Pro  
5 10 15

<210> SEQ ID NO: 125  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 325-329  
<400> Met Thr Lys Leu Val Arg Asp Asp Ile Pro Ser Thr Gln Glu Asn  
5 10 15

<210> SEQ ID NO: 126  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 320-334  
<400> Arg Asp Asp Ile Pro Ser Thr Gln Glu Asn Leu Met Lys Trp Ala  
5 10 15

<210> SEQ ID NO: 127  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 325-339  
<400> Ser Thr Gln Glu Asn Leu Met Lys Trp Ala Leu Asp Asn Gly Tyr  
5 10 15

<210> SEQ ID NO: 128  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 330-344  
<400> Leu Met Lys Trp Ala Leu Asp Asn Gly Tyr Arg Pro Val Thr Ser  
5 10 15

<210> SEQ ID NO: 129  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 335-349  
<400> Leu Asp Asn Gly Tyr Arg Pro Val Thr Ser Tyr Thr Met Ala Pro  
5 10 15

<210> SEQ ID NO: 130  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 340-354  
<400> Arg Pro Val Thr Ser Tyr Thr Met Ala Pro Val Ala Asn Arg Phe  
5 10 15

<210> SEQ ID NO: 131  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 345-359  
<400> Tyr Thr Met Ala Pro Val Ala Asn Arg Phe His Leu Arg Leu Glu  
5 10 15

<210> SEQ ID NO: 132  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 350-364  
<223> Descripcion/Posicion  
<400> Val Ala Asn Arg Phe His Leu Arg Leu Glu Asn Asn Glu Glu Met  
5 10 15

<210> SEQ ID NO: 133  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 355-369  
<400> His Leu Arg Leu Glu Asn Asn Glu Glu Met Arg Asp Glu Glu Val  
5 10 15

<210> SEQ ID NO: 134  
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<212> Peptide  
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<220> Domain: 360-374  
<400> Asn Asn Glu Glu Met Arg Asp Glu Glu Val His Thr Ile Pro Pro  
5 10 15

<210> SEQ ID NO: 135  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 365-369  
<400> Arg Asp Glu Glu Val His Thr Ile Pro Pro Glu Leu Arg Ile Leu  
5 10 15

<210> SEQ ID NO: 136  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 370-384  
<400> His Thr Ile Pro Pro Glu Leu Arg Ile Leu Leu Asp Pro Asp His  
5 10 15

<210> SEQ ID NO: 137  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 375-389  
<400> Glu Leu Arg Ile Leu Leu Asp Pro Asp His Pro Pro Ala Leu Asp  
5 10 15

<210> SEQ ID NO: 138  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 380-394  
<400> Leu Asp Pro Asp His Pro Pro Ala Leu Asp Asn Pro Leu Phe Pro  
5 10 15

<210> SEQ ID NO: 139  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 385-399  
<400> Pro Pro Ala Leu Asp Asn Pro Leu Phe Pro Gly Glu Gly Ser Pro  
5 10 15

<210> SEQ ID NO: 140  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 390-404  
<400> Asn Pro Leu Phe Pro Gly Glu Gly Ser Pro Asn Gly Gly Leu Pro  
5 10 15

<210> SEQ ID NO: 141  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 395-409  
<400> Gly Glu Gly Ser Pro Asn Gly Gly Leu Pro Phe Pro Phe Pro Asp  
5 10 15

<210> SEQ ID NO: 142  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 400-414  
<400> Asn Gly Gly Leu Pro Phe Pro Phe Pro Asp Ile Pro Arg Arg Gly  
5 10 15

<210> SEQ ID NO: 143  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 405-419  
<400> Phe Pro Phe Pro Asp Ile Pro Arg Arg Gly Trp Lys Glu Gly Glu  
5 10 15

<210> SEQ ID NO: 144

<211> 12  
<212> Peptide  
<213> Modified synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 731-742  
<400> Thr Ser Leu Asp Ala Thr Met Ile Trp Asp Asp Asp  
5 10

<210> SEQ ID NO: 145  
<211> 11  
<212> Peptide  
<213> Modified synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 731-742  
<400> Asp Asp Asp Ala Thr Met Ile Trp Thr Met Met  
5 10

<210> SEQ ID NO: 146  
<211> 7  
<212> Peptide  
<213> Modified synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 734-740  
<400> Asp Ala Thr Met Ile Trp Asp  
5

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<213> Modified synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 731-739  
<400> Thr Ser Leu Asp Ala Thr Thr Met Met  
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<210> SEQ ID NO: 148  
<211> 18  
<212> Peptide  
<213> synthetic peptide from rat TGB $\beta$ 1 type II receptor  
<220> Domain: 84-101  
<400> Cys Val Ala Val Trp Arg Lys Asn Asp Glu Asn Ile Thr Leu Glu Thr Val  
5 10 15  
Cys

<210> SEQ ID NO: 149  
<211> 19  
<212> Peptide  
<213> Synthetic peptide from human fetuin  
<220> Domain: 114-132  
<400> Cys Asp Phe Gln Leu Leu Lys Leu Asp Gly Lys Phe Ser Val Val Tyr Ala  
5 10 15  
Lys Cys

<210> SEQ ID NO: 150  
<211> 18  
<212> Peptide  
<213> Synthetic peptide from rat fetuin  
<220> Domain: 114-132  
<400> Cys Asp Phe His Ile Leu Lys Gln Asp Gly Gln Phe Arg Val Cys His Ala  
5 10 15  
Gln Cys

<210> SEQ ID NO: 151  
<211> 18  
<212> Peptide  
<213> Synthetic peptide from sheep fetuin  
<220> Domain: 114-132  
<400> Cys Asp Ile His Val Leu Lys Gln Asp Gly Phe Ser Val Leu Phe Thr Lys  
5 10 15  
Cys Asp

<210> SEQ ID NO: 152  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from pig endoglin  
<220> Domain: 289-303  
<400> Val Asn Leu Pro Asp Thr Arg Gln Gly Leu Leu Glu Glu Ala Arg  
5 10 15

<210> SEQ ID NO: 153  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from pig endoglin  
<220> Domain: 481-495  
<400> Pro Ser Ile Pro Glu Leu Met Thr Gln Leu Asp Ser Cys Gln Leu  
5 10 15

<210> SEQ ID NO: 154  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from pig endoglin  
<220> Domain: 479-493  
<400> Met Ser Pro Ser Ile Pro Glu Leu Met Thr Gln Leu Asp Ser Cys  
5 10 15

<210> SEQ ID NO: 155  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin

<220> Domain: 13-24

<400> Leu Leu Leu Leu Val Leu Leu Pro Thr Asp Ala Ser  
5 10

<210> SEQ ID NO: 156

<211> 12

<212> Peptide

<213> Synthetic peptide from human alpha 2 microglobulin

<220> Domain: 20-31

<400> Pro Thr Asp Ala Ser Val Ser Gly Lys Pro Gln Tyr  
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<210> SEQ ID NO: 157

<211> 12

<212> Peptide

<213> Synthetic peptide from human alpha 2 microglobulin

<220> Domain: 44-55

<400> Thr Glu Lys Gly Cys Val Leu Leu Ser Tyr Leu Asn  
5 10

<210> SEQ ID NO: 158

<211> 12

<212> Peptide

<213> Synthetic peptide from human alpha 2 microglobulin

<220> Domain: 166-177

<400> Tyr Ile Gln Asp Pro Lys Gly Asn Arg Ile Ala Gln  
5 10

<210> SEQ ID NO: 159

<211> 12

<212> Peptide

<213> Synthetic peptide from human alpha 2 microglobulin

<220> Domain: 192-203

<400> Phe Pro Leu Ser Ser Glu Pro Phe Gln Gly Ser Tyr  
5 10

<210> SEQ ID NO: 160

<211> 12

<212> Peptide

<213> Synthetic peptide from human alpha 2 microglobulin

<220> Domain: 247-258

<400> Asn Val Ser Val Cys Gly Leu Tyr Thr Tyr Gly Lys  
5 10

<210> SEQ ID NO: 161

<211> 12

<212> Peptide

<213> Synthetic peptide from human alpha 2 microglobulin

<220> Domain: 248-259

<400> Val Ser Val Cys Gly Leu Tyr Thr Tyr Gly Lys Pro

<210> SEQ ID NO: 162  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 250-261  
<400> Val Cys Gly Leu Tyr Thr Tyr Gly Lys Pro Val Pro  
5 10

<210> SEQ ID NO: 163  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 267-278  
<400> Ser Ile Cys Arg Lys Tyr Ser Asp Ala Ser Asp Cys  
5 10

<210> SEQ ID NO: 164  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 469-480  
<400> Pro Cys Gly His Thr Gln Thr Val Gln Ala His Tyr  
5 10

<210> SEQ ID NO: 165  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 554-565  
<400> Asp Ser Ala Lys Tyr Asp Val Glu Asn Cys Leu Ala  
5 10

<210> SEQ ID NO: 167  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 790-801  
<400> Gln Pro Phe Phe Val Glu Leu Thr Met Pro Tyr Ser  
5 10

<210> SEQ ID NO: 168  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 827-838  
<400> Gln Leu Glu Ala Ser Pro Ala Phe Leu Ala Val Pro  
5 10

<210> SEQ ID NO: 169  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 825-836  
<400> Ser Val Gln Leu Glu Ala Ser Pro Ala Phe Leu Ala  
5 10

<210> SEQ ID NO: 170  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 876-887  
<400> Ala Leu Glu Ser Gln Glu Leu Cys Gly Thr Glu Val  
5 10

<210> SEQ ID NO: 171  
<211> 11  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1001-1012  
<400> Lys Ser Lys Ile Gly Tyr Leu Asn Thr Gly Tyr  
5 10

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<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1005-1016  
<400> Ile Gly Tyr Leu Asn Thr Gly Tyr Gln Arg Gln Leu  
5 10

<210> SEQ ID NO: 173  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1162-1173  
<400> Lys Arg Lys Glu Val Leu Lys Ser Leu Asn Glu Glu  
5 10

<210> SEQ ID NO: 174  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1193-1204  
<400> Val Gly His Phe Tyr Glu Pro Gln Ala Pro Ser Ala  
5 10

<210> SEQ ID NO: 175

<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1209-1220  
<400> Thr Ser Tyr Val Leu Leu Ala Tyr Leu Thr Gln Ala  
5 10

<210> SEQ ID NO: 176  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1211-1222  
<400> Tyr Val Leu Leu Ala Tyr Leu Thr Ala Gln Pro Ala  
5 10

<210> SEQ ID NO: 177  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1256-1267  
<400> Val Ala Leu His Ala Leu Ser Lys Tyr Gly Ala Ala  
5 10

<210> SEQ ID NO: 178  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1232-1243  
<400> Tyr Gly Arg Asn Gln Gly Asn Thr Trp Leu Thr Ala  
5 10

<210> SEQ ID NO: 179  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1234-1245  
<400> Arg Asn Gln Gly Asn Thr Trp Leu Thr Ala Phe Val  
5 10

<110> EZQUERRO SAENZ, Ignacio Jose  
LASARTE SAGASTIBELZA, Juan Jose  
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<120> TGF $\beta$ b1-inhibitor peptides

<130> U-013446-9

<140> 09/831,253

<141> 2001-06-27

<150> PCT/ES99/00375

<151> 1999-11-23

<150> P9802465

<151> 1998-11-24

>160> 179

<210> SEQ ID NO: 1

<211> 15

<212> Peptide

<213> Artificial sequence

<220> Domain

<223> Derived from human TGB $\beta$ 1 position 319-333

<400> His Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu  
5 10 15

<210> SEQ ID NO: 2

<211> 14

<212> Peptide

<213> Artificial sequence

<220> Domain

<223> Derived from human TGB $\beta$ 1 position 322-335

<400> Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr  
5 10

<210> SEQ ID NO: 3

<211> 12

<212> Peptide

<213> Artificial sequence

<220> Domain

<223> Derived from rat TGB $\beta$ 1 type III receptor position 731-742

<400> Thr Ser Leu Asp Ala Thr Met Ile Trp Thr Met Met

5 10

<210> SEQ ID NO: 4

<211> 15

<212> Peptide

<213> Artificial sequence  
<220> Domain  
<223> Derived from rat TGB $\beta$ 1 position 245-259  
<400> Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp Ile Ile Val Asp Ile  
5 10 15

<210> SEQ ID NO: 5  
<211> 9  
<212> Peptide  
<213> Synthetic peptide derived from P54  
<220> Domain  
<400> Thr Ser Leu Met Ile Trp Thr Met Met  
5

<210> SEQ ID NO: 6  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1 type III receptor  
<220> Domain: 729-742  
<400> Thr Ser Leu Asp Ala Ser Ile Ile Trp Ala Met Met Gln Asn  
5 10

<210> SEQ ID NO: 7  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1 type III receptor  
<220> Domain: 241-254  
<400> Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp Ile Thr Ile Asp  
5 10

<210> SEQ ID NO: 8  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from pig endoglin  
<220> Domain: 247-261  
<400> Glu Ala Val Leu Ile Leu Gln Gly Pro Pro Tyr Val Ser Trp Leu  
5 10 15

<210> SEQ ID NO: 9  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from pig endoglin  
<220> Domain: 445-459  
<400> Leu Asp Ser Leu Ser Phe Gln Leu Gly Leu Tyr Leu Ser Pro His  
5 10 15

<210> SEQ ID NO: 10  
<211> 23  
<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 313-335  
<400> His Glu Pro Lys Gly Tyr His Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr  
5 10 15  
Ile Trp Ser Leu Asp Thr  
20

<210> SEQ ID NO: 11  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 280-293  
<400> Ala Leu Asp Thr Asn Tyr Cys Phe Ser Ser Thr Glu Lys Asn  
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<210> SEQ ID NO: 12  
<211> 13  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 284-297  
<400> Asn Tyr Cys Ser Ser Thr Glu Lys Asn Cys Cys Val Arg  
5 10

<210> SEQ ID NO: 13  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 288-301  
<400> Ser Ser Thr Glu Lys Asn Cys Cys Val Arg Gln Leu Tyr Ile  
5 10

<210> SEQ ID NO: 14  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 294-307  
<400> Cys Cys Val Arg Gln Leu Tyr Ile Asp Phe Arg Lys Asp Leu  
5 10

<210> SEQ ID NO: 15  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 298-311  
<400> Gln Leu Tyr Ile Asp Phe Arg Lys Asp Leu Gly Trp Lys Trp  
5 10

: <210> SEQ ID NO: 16  
<211> 14

<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 302-315  
<400> Asp Phe Arg Lys Asp Leu Gly Trp Lys Trp Ile His Glu Pro  
5 10

<210> SEQ ID NO: 17  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 306-319  
<400> Asp Leu Gly Trp Lys Trp Ile His Glu Pro Lys Gly Tyr His  
5 10

<210> SEQ ID NO: 18  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 308-321  
<400> Gly Trp Lys Trp Ile His Glu Pro Lys Gly Tyr His Ala Asn  
5 10

<210> SEQ ID NO: 19  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 312-325  
<400> Ile His Glu Pro Lys Gly Tyr His Ala Asn Phe Cys Leu Gly  
5 10

<210> SEQ ID NO: 20  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 316-329  
<400> Lys Gly Tyr His Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr  
5 10

<210> SEQ ID NO: 21  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 326-339  
<400> Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Tyr Ser Lys  
5 10

<210> SEQ ID NO: 22  
<211> 14  
<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 330-343  
<400> Ile Trp Ser Leu Asp Thr Gln Tyr Ser Lys Val Leu Ala Leu  
5 10

<210> SEQ ID NO: 23  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 335-349  
<400> Thr Gln Tyr Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro  
5 10 15

<210> SEQ ID NO: 24  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 336-349  
<400> Gln Tyr Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro  
5 10

<210> SEQ ID NO: 25  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 340-353  
<400> Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala  
5 10

<210> SEQ ID NO: 26  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 343-358  
<400> Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys  
5 10 15

<210> SEQ ID NO: 27  
<211> 14  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1  
<220> Domain: 344-358  
<400> Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys  
5 10

<210> SEQ ID NO: 28  
<211> 13  
<212> Peptide  
<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 348-360

<400> Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys Val Pro Gln  
5 10

<210> SEQ ID NO: 29

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 350-363

<400> Gly Ala Ser Ala Ala Pro Cys Cys Val Pro Gln Ala Leu Glu  
5 10

<210> SEQ ID NO: 30

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 354-367

<400> Ala Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile  
5 10

<210> SEQ ID NO: 31

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 358-371

<400> Val Pro Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr Tyr Val  
5 10

<210> SEQ ID NO: 32

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 364-377

<400> Pro Leu Pro Ile Val Tyr Tyr Val Gly Arg Lys Pro Lys Val  
5 10

<210> SEQ ID NO: 33

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 368-381

<400> Val Tyr Tyr Val Gly Arg Lys Pro Lys Val Glu Gln Leu Ser  
5 10

<210> SEQ ID NO: 34

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 372-385

<400> Gly Arg Lys Pro Lys Val Glu Gln Leu Ser Asn Met Ile Val  
5 10

<210> SEQ ID NO: 35

<211> 14

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 378-391

<400> Glu Gln Leu Ser Asn Met Ile Val Arg Ser Cys Lys Cys Ser  
5 10

<210> SEQ ID NO: 36

<211> 21

<212> Peptide

<213> Synthetic peptide from human TGB $\beta$ 1

<220> Domain: 322-344

<400> Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Lys Val

5 10 15

Leu Ala Leu Tyr

20

<210> SEQ ID NO: 37

<211> 14

<212> Peptide

<213> Synthetic peptide modified from human TGB $\beta$ 1

<220> Domain: 322-335

<400> Phe Ser Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr

5 10

<210> SEQ ID NO: 38

<211> 14

<212> Peptide

<213> Synthetic peptide modified from human TGB $\beta$ 1

<220> Domain: 322-335

<400> Phe Cys Leu Gly Pro Ser Pro Tyr Ile Trp Ser Leu Asp Thr

5 10

<210> SEQ ID NO: 39

<211> 14

<212> Peptide

<213> Synthetic peptide modified from human TGB $\beta$ 1

<220> Domain: 322-335

<400> Phe Ser Leu Gly Pro Ser Pro Tyr Ile Trp Ser Leu Asp Thr

5 10

<210> SEQ ID NO: 40

<211> 14

<212> Peptide

<213> Synthetic peptide modified from human TGB $\beta$ 1  
<220> Domain: 322-335  
<400> Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Asp Asp Asp  
5 10

<210> SEQ ID NO: 41  
<211> 14  
<212> Peptide  
<213> Synthetic peptide modified from human TGB $\beta$ 1  
<220> Domain: 322-335  
<400> Asp Asp Asp Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr  
5 10

<210> SEQ ID NO: 42  
<211> 14  
<212> Peptide  
<213> Synthetic peptide modified from human TGB $\beta$ 1  
<220> Domain: 322-335  
<400> Asp Asp Asp Gly Pro Cys Pro Tyr Ile Trp Ser Asp Asp Asp  
5 10

<210> SEQ ID NO: 43  
<211> 11  
<212> Peptide  
<213> Synthetic peptide modified from human TGB $\beta$ 1  
<220> Domain: 325-332  
<400> Gly Pro Cys Pro Tyr Ile Trp Ser Asp Asp Asp  
5 10

<210> SEQ ID NO: 44  
<211> 11  
<212> Peptide  
<213> Synthetic peptide modified from human TGB $\beta$ 1  
<220> Domain: 325-332  
<400> Asp Asp Asp Gly Pro Cys Pro Tyr Ile Trp Ser  
5 10

<210> SEQ ID NO: 45  
<211> 10  
<212> Peptide  
<213> Synthetic peptide modified from human TGB $\beta$ 1  
<220> Domain: 325-332  
<400> Asp Gly Pro Cys Pro Tyr Ile Trp Ser Asp  
5 10

<210> SEQ ID NO: 46  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domain: 91-102  
<400> Asn Pro Ile Ala Ser Val His Thr His His Lys Pro  
5 10

<210> SEQ ID NO: 47  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 104-115  
<400> Val Phe Leu Leu Asn Ser Pro Gln Pro Leu Val Trp  
5 10

<210> SEQ ID NO: 48  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 109-120  
<400> Ser Pro Gln Pro Leu Val Trp His Leu Lys Thr Glu  
5 10

<210> SEQ ID NO: 49  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 110-121  
<400> Pro Gln Pro Leu Val Trp His Leu Lys Thr Glu Arg  
5 10

<210> SEQ ID NO: 50  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 333-344  
<400> Trp Ala Leu Asp Asn Gly Tyr Arg Pro Val Thr Ser  
5 10

<210> SEQ ID NO: 51  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 428-439  
<400> Pro Ile Val Pro Ser Val Gln Leu Leu Pro Asp His  
5 10

<210> SEQ ID NO: 52  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 555-566

<400> Gly 'Asp Glu Gly Glu Thr Ala Pro Leu Ser Arg Ala  
5 10

<210> SEQ ID NO: 53  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 563-574  
<400> Leu Ser Arg Ala Gly Val Val Val Phe Asn Cys Ser  
5 10

<210> SEQ ID NO: 54  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 603-614  
<400> Leu Phe Leu Val Pro Ser Pro Gly Val Phe Ser Val  
5 10

<210> SEQ ID NO: 55  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 605-616  
<400> Leu Val Pro Ser Pro Gly Val Phe Ser Val Ala Glu  
5 10

<210> SEQ ID NO: 56  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 707-718  
<400> Glu Leu Thr Leu Cys Ser Arg Lys Lys Gly Ser Leu  
5 10

<210> SEQ ID NO: 57  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 712-723  
<400> Ser Arg Lys Lys Gly Ser Leu Lys Leu Pro Arg Cys  
5 10

<210> SEQ ID NO: 58  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 717-728  
<400> Ser Leu Lys Leu Pro Arg Cys Val Thr Pro Asp Asp

<210> SEQ ID NO: 59  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 722-733  
<400> Arg Cys Val Thr Pro Asp Asp Ala Cys Thr Ser Leu  
5 10

<210> SEQ ID NO: 60  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 727-738  
<400> Asp Asp Ala Cys Thr Ser Leu Asp Ala Thr Met Ile  
5 10

<210> SEQ ID NO: 61  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 732-743  
<400> Ser Leu Asp Ala Thr Met Ile Trp Thr Met Met Gln  
5 10

<210> SEQ ID NO: 62  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 737-748  
<400> Met Ile Trp Thr Met Met Gln Asn Lys Lys Thr Phe  
5 10

<210> SEQ ID NO: 63  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 742-752  
<400> Met Gln Asn Lys Lys Thr Phe Thr Lys Pro Leu Ala  
5 10

<210> SEQ ID NO: 64  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 747-758  
<400> Thr Phe Thr Lys Pro Leu Ala Val Val Leu Gln Val  
5 10

<210> SEQ ID NO: 65  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 761-775  
<400> Lys Glu Asn Val Pro Ser Thr Lys Asp Ser Ser Pro Ile Pro Pro  
5 10 15

<210> SEQ ID NO: 66  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 766-780  
<400> Ser Thr Lys Asp Ser Ser Pro Ile Pro Pro Pro Pro Gln Ile  
5 10 15

<210> SEQ ID NO: 67  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 771-785  
<400> Ser Pro Ile Pro Pro Pro Pro Gln Ile Phe His Gly Leu Asp  
5 10 15

<210> SEQ ID NO: 68  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 776-790  
<400> Pro Pro Pro Gln Ile Phe His Gly Leu Asp Thr Leu Thr Val Met  
5 10 15

<210> SEQ ID NO: 69  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 781-795  
<400> Phe His Gly Leu Asp Thr Leu Thr Val Met Gly Ile Ala Phe Ala  
5 10 15

<210> SEQ ID NO: 70  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 786-800  
<400> Thr Leu Thr Val Met Gly Ile Ala Phe Ala Ala Phe Val Ile Gly  
5 10 15

<210> SEQ ID NO: 71  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 797-809  
<400> Leu Leu Thr Gly Ala Leu Trp Tyr Ile Tyr Ser His  
5 10

<210> SEQ ID NO: 72  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 45-59  
<400> Leu Met Glu Ser Phe Thr Val Leu Ser Gly Cys Ala Ser Arg Gly  
5 10 15

<210> SEQ ID NO: 73  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 50-64  
<400> Thr Val Leu Ser Gly Cys Ala Ser Arg Gly Thr Thr Gly Leu Pro  
5 10 15

<210> SEQ ID NO: 74  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 55-69  
<400> Cys Ala Ser Arg Gly Thr Thr Gly Leu Pro Arg Glu Val His Val  
5 10 15

<210> SEQ ID NO: 75  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 60-74  
<400> Thr Thr Gly Leu Pro Arg Glu Val His Val Leu Asn Leu Arg Ser  
5 10 15

<210> SEQ ID NO: 76  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 65-79  
<400> Arg Glu Val His Val Leu Asn Leu Arg Ser Thr Asp Gln Gly Pro  
5 10 15

<210> SEQ ID NO: 77  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 70-84  
<400> Leu Asn Leu Arg Ser Thr Asp Gln Gly Pro Gly Gln Arg Gln Arg  
5 10 15

<210> SEQ ID NO: 78  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 75-89  
<400> Thr Asp Gln Gly Pro Gly Gln Arg Gln Arg Glu Val Thr Leu His  
5 10 15

<210> SEQ ID NO: 79  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 80-94  
<400> Gly Gln Arg Gln Arg Glu Val Thr Leu His Leu Asn Pro Ile Ala  
5 10 15

<210> SEQ ID NO: 80  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 85-99  
<400> Glu Val Thr Leu His Leu Asn Pro Ile Ala Ser Val His Thr His  
5 10 15

<210> SEQ ID NO: 81  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 90-104  
<400> Leu Asn Pro Ile Ala Ser Val His Thr His His Lys Pro Ile Val  
5 10 15

<210> SEQ ID NO: 82  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 95-109  
<400> Ser Val His Thr His His Lys Pro Ile Val Phe Leu Leu Asn Ser  
5 10 15

<210> SEQ ID NO: 83

<211> 15 "  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 100-114  
<400> His Lys Pro Ile Val Phe Leu Leu Asn Ser Pro Gln Pro Leu Val  
5 10 15

<210> SEQ ID NO: 84  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 105-119  
<400> Phe Leu Leu Asn Ser Pro Gln Pro Leu Val Trp His Leu Lys Thr  
5 10 15

<210> SEQ ID NO: 85  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 110-124  
<400> Pro Gln Pro Leu Val Trp His Leu Lys Thr Glu Arg Leu Ala Ala  
5 10 15

<210> SEQ ID NO: 86  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 115-129  
<400> Trp His Leu Lys Thr Glu Arg Leu Ala Ala Gly Val Pro Arg Leu  
5 10 15

<210> SEQ ID NO: 87  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 120-134  
<400> Arg Leu Ala Ala Gly Val Pro Arg Leu Phe Leu Val Ser Glu Gly  
5 10 15

<210> SEQ ID NO: 88  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 125-139  
<400> Gly Val Pro Arg Leu Phe Leu Val Ser Glu Gly Ser Val Val Gln  
5 10 15

<210> SEQ ID NO: 89  
<211> 15

<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 130-144  
<400> Phe Leu Val Ser Glu Gly Ser Val Val Gln Phe Pro Ser Gly Asn  
5 10 15

<210> SEQ ID NO: 90  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 135-149  
<400> Gly Ser Val Val Gln Phe Pro Ser Gly Asn Phe Ser Leu Thr Ala  
5 10 15

<210> SEQ ID NO: 91  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 140-154  
<400> Phe Pro Ser Gly Asn Phe Ser Leu Thr Ala Glu Thr Glu Glu Arg  
5 10 15

<210> SEQ ID NO: 92  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 145-159  
<400> Phe Ser Leu Thr Ala Glu Thr Glu Glu Arg Asn Phe Pro Gln Glu  
5 10 15

<210> SEQ ID NO: 93  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 150-164  
<400> Glu Thr Glu Glu Arg Asn Phe Pro Gln Glu Asn Glu His Leu Val  
5 10 15

<210> SEQ ID NO: 94  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 155-169  
<400> Asn Phe Pro Gln Glu Asn Glu His Leu Val Arg Trp Ala Gln Lys  
5 10 15

<210> SEQ ID NO: 95  
<211> 15  
<212> Peptide

<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 160-174  
<400> Asn Glu His Leu Val Arg Trp Ala Gln Lys Glu Tyr Gly Ala Val  
5 10 15

<210> SEQ ID NO: 96  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 165-179  
<400> Arg Trp Ala Gln Lys Glu Tyr Gly Ala Val Thr Ser Phe Thr Glu  
5 10 15

<210> SEQ ID NO: 97  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 170-184  
<400> Glu Tyr Gly Ala Val Thr Ser Phe Thr Glu Leu Lys Ile Ala Arg  
5 10 15

<210> SEQ ID NO: 98  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 175-189  
<400> Thr Ser Phe Thr Glu Leu Lys Ile Ala Arg Asn Ile Tyr Ile Lys  
5 10 15

<210> SEQ ID NO: 99  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 180-194  
<400> Leu Lys Ile Ala Arg Asn Ile Tyr Ile Lys Val Gly Glu Asp Gln  
5 10 15

<210> SEQ ID NO: 100  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 185-199  
<400> Asn Ile Tyr Ile Lys Val Gly Glu Asp Gln Val Phe Pro Pro Thr  
5 10 15

<210> SEQ ID NO: 101  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domäin: 190-201

<400> Val Gly Glu Asp Gln Val Phe Pro Pro Thr Cys Asn Ile Gly Lys  
5 10 15

<210> SEQ ID NO: 102

<211> 15

<212> Peptide

<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domain: 195-209

<400> Val Phe Pro Pro Thr Cys Asn Ile Gly Lys Asn Phe Leu Ser Leu  
5 10 15

<210> SEQ ID NO: 103

<211> 15

<212> Peptide

<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domain: 200-214

<400> Cys Asn Ile Gly Lys Asn Phe Leu Ser Leu Asn Tyr Leu Ala Glu  
5 10 15

<210> SEQ ID NO: 104

<211> 15

<212> Peptide

<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domain: 205-219

<400> Asn Phe Leu Ser Leu Asn Tyr Leu Ala Glu Tyr Leu Gln Pro Lys  
5 10 15

<210> SEQ ID NO: 105

<211> 15

<212> Peptide

<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domain: 210-224

<400> Asn Tyr Leu Ala Glu Tyr Leu Gln Pro Lys Ala Ala Glu Gly Cys  
5 10 15

<210> SEQ ID NO: 106

<211> 15

<212> Peptide

<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domain: 215-229

<400> Tyr Leu Gln Pro Lys Ala Ala Glu Gly Cys Val Leu Pro Ser Gln  
5 10 15

<210> SEQ ID NO: 107

<211> 15

<212> Peptide

<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor

<220> Domain: 220-234

<400> Ala<sup>1</sup> Ala Glu Gly Cys Val Leu Pro Ser Gln Pro His Glu Lys Glu  
5 10 15

<210> SEQ ID NO: 108  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 225-239

<400> Val Leu Pro Ser Gln Pro His Glu Lys Glu Val His Ile Ile Glu  
5 10 15

<210> SEQ ID NO: 109  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 230-244  
<400> Pro His Glu Lys Glu Val His Ile Ile Glu Leu Ile Thr Pro Ser  
5 10 15

<210> SEQ ID NO: 110  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 235-249  
<400> Val His Ile Ile Glu Leu Ile Thr Pro Ser Ser Asn Pro Tyr Ser  
5 10 15

<210> SEQ ID NO: 111  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 240-254  
<400> Leu Ile Thr Pro Ser Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp  
5 10 15

<210> SEQ ID NO: 112  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 250-264  
<400> Ala Phe Gln Val Asp Ile Ile Val Asp Ile Arg Pro Ala Gln Glu  
5 10 15

<210> SEQ ID NO: 113  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 255-269  
<400> Ile Ile Val Asp Ile Arg Pro Ala Gln Glu Asp Pro Glu Val Val

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<210> SEQ ID NO: 114  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 260-274  
<400> Arg Pro Ala Gln Glu Asp Pro Glu Val Val Lys Asn Leu Val Leu  
5 10 15

<210> SEQ ID NO: 115  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 265-279  
<400> Asp Pro Glu Val Val Lys Asn Leu Val Leu Ile Leu Lys Cys Lys  
5 10 15

<210> SEQ ID NO: 116  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 270-284  
<400> Lys Asn Leu Val Leu Ile Leu Lys Cys Lys Lys Ser Val Asn Trp  
5 10 15

<210> SEQ ID NO: 117  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 275-289  
<400> Ile Leu Lys Cys Lys Lys Ser Val Asn Trp Val Ile Lys Ser Phe  
5 10 15

<210> SEQ ID NO: 118  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 280-294  
<400> Lys Ser Val Asn Trp Val Ile Lys Ser Phe Asp Val Lys Gly Asn  
5 10 15

<210> SEQ ID NO: 119  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 285-299  
<400> Val Ile Lys Ser Phe Asp Val Lys Gly Asn Leu Lys Val Ile Ala  
5 10 15

<210> SEQ ID NO: 120  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 290-304  
<400> Asp Val Lys Gly Asn Leu Lys Val Ile Ala Pro Asn Ser Ile Gly  
5 10 15

<210> SEQ ID NO: 121  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 295-309  
<400> Leu Lys Val Ile Ala Pro Asn Ser Ile Gly Phe Gly Lys Glu Ser  
5 10 15

<210> SEQ ID NO: 122  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 300-314  
<400> Pro Asn Ser Ile Gly Phe Gly Lys Glu Ser Glu Arg Ser Met Thr  
5 10 15

<210> SEQ ID NO: 123  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 305-319  
<400> Phe Gly Lys Glu Ser Glu Arg Ser Met Thr Met Thr Lys Leu Val  
5 10 15

<210> SEQ ID NO: 124  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 310-324  
<400> Glu Arg Ser Met Thr Met Thr Lys Leu Val Arg Asp Asp Ile Pro  
5 10 15

<210> SEQ ID NO: 125  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 325-329  
<400> Met Thr Lys Leu Val Arg Asp Asp Ile Pro Ser Thr Gln Glu Asn  
5 10 15

<210> SEQ ID NO: 126  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 320-334  
<400> Arg Asp Asp Ile Pro Ser Thr Gln Glu Asn Leu Met Lys Trp Ala  
5 10 15

<210> SEQ ID NO: 127  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 325-339  
<400> Ser Thr Gln Glu Asn Leu Met Lys Trp Ala Leu Asp Asn Gly Tyr  
5 10 15

<210> SEQ ID NO: 128  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 330-344  
<400> Leu Met Lys Trp Ala Leu Asp Asn Gly Tyr Arg Pro Val Thr Ser  
5 10 15

<210> SEQ ID NO: 129  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 335-349  
<400> Leu Asp Asn Gly Tyr Arg Pro Val Thr Ser Tyr Thr Met Ala Pro  
5 10 15

<210> SEQ ID NO: 130  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 340-354  
<400> Arg Pro Val Thr Ser Tyr Thr Met Ala Pro Val Ala Asn Arg Phe  
5 10 15

<210> SEQ ID NO: 131  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 345-359  
<400> Tyr Thr Met Ala Pro Val Ala Asn Arg Phe His Leu Arg Leu Glu  
5 10 15

<210> SEQ ID NO: 132  
<211> 15  
<212> Peptide  
'<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 350-364  
<223> Descripcion/Posicion  
<400> Val Ala Asn Arg Phe His Leu Arg Leu Glu Asn Asn Glu Glu Met  
5 10 15

<210> SEQ ID NO: 133  
<211> 15  
<212> Peptide  
'<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 355-369  
<400> His Leu Arg Leu Glu Asn Asn Glu Glu Met Arg Asp Glu Glu Val  
5 10 15

<210> SEQ ID NO: 134  
<211> 15  
<212> Peptide  
'<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 360-374  
<400> Asn Asn Glu Glu Met Arg Asp Glu Glu Val His Thr Ile Pro Pro  
5 10 15

<210> SEQ ID NO: 135  
<211> 15  
<212> Peptide  
'<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 365-369  
<400> Arg Asp Glu Glu Val His Thr Ile Pro Pro Glu Leu Arg Ile Leu  
5 10 15

<210> SEQ ID NO: 136  
<211> 15  
<212> Peptide  
'<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 370-384  
<400> His Thr Ile Pro Pro Glu Leu Arg Ile Leu Leu Asp Pro Asp His  
5 10 15

<210> SEQ ID NO: 137  
<211> 15  
<212> Peptide  
'<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 375-389  
<400> Glu Leu Arg Ile Leu Leu Asp Pro Asp His Pro Pro Ala Leu Asp  
5 10 15

<210> SEQ ID NO: 138  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 380-394  
<400> Leu Asp Pro Asp His Pro Pro Ala Leu Asp Asn Pro Leu Phe Pro  
5 10 15

<210> SEQ ID NO: 139  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 385-399  
<400> Pro Pro Ala Leu Asp Asn Pro Leu Phe Pro Gly Glu Gly Ser Pro  
5 10 15

<210> SEQ ID NO: 140  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 390-404  
<400> Asn Pro Leu Phe Pro Gly Glu Gly Ser Pro Asn Gly Gly Leu Pro  
5 10 15

<210> SEQ ID NO: 141  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 395-409  
<400> Gly Glu Gly Ser Pro Asn Gly Gly Leu Pro Phe Pro Phe Pro Asp  
5 10 15

<210> SEQ ID NO: 142  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 400-414  
<400> Asn Gly Gly Leu Pro Phe Pro Phe Pro Asp Ile Pro Arg Arg Gly  
5 10 15

<210> SEQ ID NO: 143  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 405-419  
<400> Phe Pro Phe Pro Asp Ile Pro Arg Arg Gly Trp Lys Glu Gly Glu  
5 10 15

<210> SEQ ID NO: 144

<211> 12 .  
<212> Peptide  
<213> Modified synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 731-742  
<400> Thr Ser Leu Asp Ala Thr Met Ile Trp Asp Asp Asp  
5 10

<210> SEQ ID NO: 145  
<211> 11  
<212> Peptide  
<213> Modified synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 731-742  
<400> Asp Asp Asp Ala Thr Met Ile Trp Thr Met Met  
5 10

<210> SEQ ID NO: 146  
<211> 7  
<212> Peptide  
<213> Modified synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 734-740  
<400> Asp Ala Thr Met Ile Trp Asp  
5

<210> SEQ ID NO: 147  
<211> 9  
<212> Peptide  
<213> Modified synthetic peptide from rat TGB $\beta$ 1 type III receptor  
<220> Domain: 731-739  
<400> Thr Ser Leu Asp Ala Thr Thr Met Met  
5

<210> SEQ ID NO: 148  
<211> 18  
<212> Peptide  
<213> synthetic peptide from rat TGB $\beta$ 1 type II receptor  
<220> Domain: 84-101  
<400> Cys Val Ala Val Trp Arg Lys Asn Asp Glu Asn Ile Thr Leu Glu Thr Val  
5 10 15  
Cys

<210> SEQ ID NO: 149  
<211> 19  
<212> Peptide  
<213> Synthetic peptide from human fetuin  
<220> Domain: 114-132  
<400> Cys Asp Phe Gln Leu Leu Lys Leu Asp Gly Lys Phe Ser Val Val Tyr Ala  
5 10 15  
Lys Cys

<210> SEQ ID NO: 150  
<211> 18  
<212> Peptide  
<213> Synthetic peptide from rat fetuin  
<220> Domain: 114-132  
<400> Cys Asp Phe His Ile Leu Lys Gln Asp Gly Gln Phe Arg Val Cys His Ala  
5 10 15  
Gln Cys

<210> SEQ ID NO: 151  
<211> 18  
<212> Peptide  
<213> Synthetic peptide from sheep fetuin  
<220> Domain: 114-132  
<400> Cys Asp Ile His Val Leu Lys Gln Asp Gly Phe Ser Val Leu Phe Thr Lys  
5 10 15  
Cys Asp

<210> SEQ ID NO: 152  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from pig endoglin  
<220> Domain: 289-303  
<400> Val Asn Leu Pro Asp Thr Arg Gln Gly Leu Leu Glu Glu Ala Arg  
5 10 15

<210> SEQ ID NO: 153  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from pig endoglin  
<220> Domain: 481-495  
<400> Pro Ser Ile Pro Glu Leu Met Thr Gln Leu Asp Ser Cys Gln Leu  
5 10 15

<210> SEQ ID NO: 154  
<211> 15  
<212> Peptide  
<213> Synthetic peptide from pig endoglin  
<220> Domain: 479-493  
<400> Met Ser Pro Ser Ile Pro Glu Leu Met Thr Gln Leu Asp Ser Cys  
5 10 15

<210> SEQ ID NO: 155  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin

<220> Domain: 13-24  
<400> Leu Leu Leu Leu Val Leu Leu Pro Thr Asp Ala Ser  
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<210> SEQ ID NO: 156  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 20-31  
<400> Pro Thr Asp Ala Ser Val Ser Gly Lys Pro Gln Tyr  
5 10

<210> SEQ ID NO: 157  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 44-55  
<400> Thr Glu Lys Gly Cys Val Leu Leu Ser Tyr Leu Asn  
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<210> SEQ ID NO: 158  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 166-177  
<400> Tyr Ile Gln Asp Pro Lys Gly Asn Arg Ile Ala Gln  
5 10

<210> SEQ ID NO: 159  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 192-203  
<400> Phe Pro Leu Ser Ser Glu Pro Phe Gln Gly Ser Tyr  
5 10

<210> SEQ ID NO: 160  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 247-258  
<400> Asn Val Ser Val Cys Gly Leu Tyr Thr Tyr Gly Lys  
5 10

<210> SEQ ID NO: 161  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 248-259  
<400> Val Ser Val Cys Gly Leu Tyr Thr Tyr Gly Lys Pro

<210> SEQ ID NO: 162  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 250-261  
<400> Val Cys Gly Leu Tyr Thr Tyr Gly Lys Pro Val Pro  
5 10

<210> SEQ ID NO: 163  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 267-278  
<400> Ser Ile Cys Arg Lys Tyr Ser Asp Ala Ser Asp Cys  
5 10

<210> SEQ ID NO: 164  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 469-480  
<400> Pro Cys Gly His Thr Gln Thr Val Gln Ala His Tyr  
5 10

<210> SEQ ID NO: 165  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 554-565  
<400> Asp Ser Ala Lys Tyr Asp Val Glu Asn Cys Leu Ala  
5 10

<210> SEQ ID NO: 167  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 790-801  
<400> Gln Pro Phe Phe Val Glu Leu Thr Met Pro Tyr Ser  
5 10

<210> SEQ ID NO: 168  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 827-838  
<400> Gln Leu Glu Ala Ser Pro Ala Phe Leu Ala Val Pro  
5 10

<210> SEQ ID NO: 169  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 825-836  
<400> Ser Val Gln Leu Glu Ala Ser Pro Ala Phe Leu Ala  
5 10

<210> SEQ ID NO: 170  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 876-887  
<400> Ala Leu Glu Ser Gln Glu Leu Cys Gly Thr Glu Val  
5 10

<210> SEQ ID NO: 171  
<211> 11  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1001-1012  
<400> Lys Ser Lys Ile Gly Tyr Leu Asn Thr Gly Tyr  
5 10

<210> SEQ ID NO: 172  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1005-1016  
<400> Ile Gly Tyr Leu Asn Thr Gly Tyr Gln Arg Gln Leu  
5 10

<210> SEQ ID NO: 173  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1162-1173  
<400> Lys Arg Lys Glu Val Leu Lys Ser Leu Asn Glu Glu  
5 10

<210> SEQ ID NO: 174  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1193-1204  
<400> Val Gly His Phe Tyr Glu Pro Gln Ala Pro Ser Ala  
5 10

<210> SEQ ID NO: 175

<211> 12 -  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1209-1220  
<400> Thr Ser Tyr Val Leu Leu Ala Tyr Leu Thr Gln Ala  
5 10

<210> SEQ ID NO: 176  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1211-1222  
<400> Tyr Val Leu Leu Ala Tyr Leu Thr Ala Gln Pro Ala  
5 10

<210> SEQ ID NO: 177  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1256-1267  
<400> Val Ala Leu His Ala Leu Ser Lys Tyr Gly Ala Ala  
5 10

<210> SEQ ID NO: 178  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1232-1243  
<400> Tyr Gly Arg Asn Gln Gly Asn Thr Trp Leu Thr Ala  
5 10

<210> SEQ ID NO: 179  
<211> 12  
<212> Peptide  
<213> Synthetic peptide from human alpha 2 microglobulin  
<220> Domain: 1234-1245  
<400> Arg Asn Gln Gly Asn Thr Trp Leu Thr Ala Phe Val  
5 10